**IN THE SPECIFICATION:** 

On page 1, replace the third paragraph under "BACKGROUND ART" with the

following:

A particular concern in implementing an IEEE 802.11 based OFDM PHY in hardware

involves providing a cost-effective, compact device the that can be implemented in smaller

wireless devices. Hence, implementation concerns typically involve cost, device size, and device

complexity.

Amendment filed January 26, 2007

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